Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 09 Mar 2023 until 23:59 on Friday 10 Mar 2023

Forecast Issued on Thursday 09 Mar 2023 at 03:12

Confidence: High for a general trend towards less cold conditions by Monday, but medium for general detail of occurrence of wintry conditions beyond Saturday.

Headline for Thursday 09 Mar 2023: Heavy snow and blizzard conditions with a risk of whiteout conditions.

Mountain weather hazards on Thursday 09 Mar 2023

Blizzards
High Likelihood

Gales
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent snow
High Likelihood

Severe chill effect
High Likelihood

Heavy persistent rain
No Likelihood

Storm force winds
No Likelihood

Poor visibility
High Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow	Heavy snow
Precipitation probability					
50%	60%	80%	70%	80%	70%

Forecast for Thursday 09 Mar 2023

Weather: Snow showers at first, becoming more persistent during the morning, often heavy with blizzard conditions, drifting and a severe wind chill. Snow continuing throughout the afternoon and evening.

Chance of cloud-free hill tops above 600m: Nil to 20%.

Low cloud and visibility: Extensive cloud, base 200 to 500m. Visibility moderate to very poor, the sky obscured in heavy snow with whiteout conditions at times.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Thursday 09 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 E	23/29 E	24/32 E	24/35 E	27/37 E	29/39 E	29/40 NE
300	13/19 NE	14/20 E	19/29 E	22/37 E	24/37 E	26/38 NE	27/41 NE
Valley	14/27 E	13/26 E	16/31 E	20/38 E	23/46 E	24/48 E	25/50 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-4/-11	-3/-11	-2/-10	-2/-10	-2/-10	-2/-10	-2/-11
300	-1/-7	-1/-7	-0/-7	0/-7	0/-7	0/-7	-0/-8
Valley	-1/-6	-0/-6	0/-6	1/-6	0/-7	1/-7	0/-7
Freezing Level*	00m	100m	200m	200m	200m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Some very poor winter conditions expected during daylight hours and the evening. Gusts of around 50mph over the tops with whiteout conditions.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 09 Mar 2023	0mm	0mm	6.2mm

Forecast for Friday 10 Mar 2023

Weather: Outbreaks of snow continuing overnight, then turning to snow showers during the morning. Bright and sunny spells developing and winds easing during the day. Clear skies and a widespread frost in the evening.

Maximum wind: Northeast 30 gusts 40mph, decreasing North 15mph around midday.

Chance of cloud-free hill tops above 600m: 20% overnight and early morning, rising to 90% by afternoon.

Low cloud and visibility: Extensive cloud, base 600m or less, soon lifting and breaking above the summits during daylight hours.

Temperature: **Valleys:** Minus 2 rising to Plus 3 Celsius around the middle of the day.
At 600m: Zero to Minus 5 Celsius
Freezing level: All levels early and later in the day, rising to around 600m early afternoon

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